

MEF2C Ab

Cat.#: AF0433
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 51kDa
Clonality: Polyclonal

Application: IHC 1:50-1:200

Reactivity: Human, Mouse

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: MEF2C Ab detects endogenous levels of MEF2C.

Immunogen: A synthesized peptide derived from human MEF2C.

Uniprot: Q06413

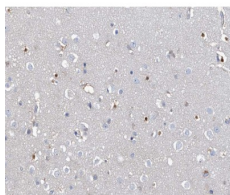
Description: MEF2C is a transcription factor of the MADS family which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. May be involved in myogenesis, neurogenesis and in the development of cortical architecture. Three splice-variant isoforms have been described.

Subcellular Location: Nucleus.

Tissue Specificity: Expressed in brain and skeletal muscle.

Similarity: The beta domain, missing in a number of isoforms, is required for enhancement of transcriptional activity. Belongs to the MEF2 family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



AF0433 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

overnight.

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